

Name _____ Date _____

Quiz: Describing Motion

Matching

- | | |
|------------------------------|---|
| _____ 1. Motion | a. speed that does not vary |
| _____ 2. Distance | b. when an object changes position |
| _____ 3. Displacement | c. speed at any given point in time |
| _____ 4. Instantaneous speed | d. how far an object has moved |
| _____ 5. Constant speed | e. distance and direction of an object's change in position |

6. To skate 100 meters in 20 seconds, a skater must skate at a speed of _____.

7. If a runner maintains a constant speed of 12 miles/hour, how long will it take to complete a half marathon race of 13.1 miles? _____

8. If Johnny won a 300 meter race in 40 seconds, his speed would be _____.

